GPCP pentad global precipitation analyses (Pingping.Xie@noaa.gov *)*

A – Global (90N-90S) precipitation estimates created by adjusting the pentad CMAP analysis against the monthly GPCP data set so that the overall magnitude is close to that in the monthly GPCP while the sub-monthly variations in the pentad CMAP is retained. The GPCP pentad precipitation analysis is part of the GPCP official products suite.

B - Satellite IR & passive microwave data, OLR data, land scf. Rain gauge data, and the reanalysis precipitation fields;

C - Global (90N-90S)

D - pentad mean, 2.5 x 2.5 lat/lon

E - 1979-present

F – standard version of the data set is updated approximately on a quarterly basis, while a real-time version is produced automatically one day after the last day of the pentad period.

G – through ftp at: ftpprd.ncep.noaa.gov/pub/precip

H- Used extensively in the research community to examine intraseasonal variability and by many operational centers to verify climate forecasts.

2*)* *Scientific Stewardship Activities Required for Continued Production of the Climate-Quality Data Set*

A- Precipitation estimates have been verified by comparison with independent gauge observations and satellite-based estimates.

B- The pentad GPCP analysis is defined by adjusting the pentad CMAP merged analysis against the monthly GPCP merged analysis.

C- Reprocessing is planned in the coming fiscal year.

D- See “A” above

E- Pingping.Xie@noaa.gov

3) Transition of ARC Project to Operational Center

Processing and archive only at NOAA Center; PI performing Sceintific Data Stewardship oversight as needed.